



# HPW

## Heat Pump Hot Water Systems



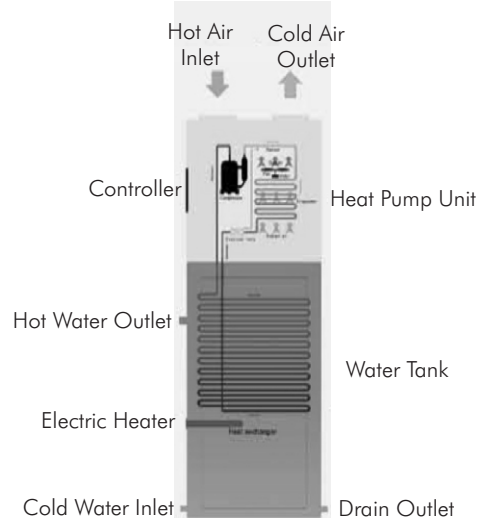
**HPW80**



**HPW120 & 150**



**HPW200 & 300**



Dayliff HPW Heat Pump Hot Water Systems are designed for all domestic water heating applications that utilise the high efficiency benefits of heat pump technology. The integral systems combine a hot water storage tank with an efficient heat pump that generates heat from ambient air by utilising the natural heat generating phenomenon of the gas evaporation/condensation cycle. This is transferred to the stored water by circulation through a coil type heat exchanger in the tank. Tank construction is carbon steel with internal enamel coating and a magnesium anode is fitted for cathodic protection against corrosion. The tank is lined with high grade thermal insulation for heat retention. Particular features are:-

- HPW heat pumps work best under ambient temperature of between  $-7^{\circ}\text{C}$  to  $43^{\circ}\text{C}$
- High quality integral heat pump fitted on top of the hot water cylinder with quiet GMCC compressor that provides a Coefficient of Performance (COP) of up to 4.16 (at  $20^{\circ}\text{C}$  Ambient temp,  $15^{\circ}\text{C}$  Water temp) and settable hot water temperature of up to  $75^{\circ}\text{C}$ . This provides up to 80% power savings compared to conventional element heaters.
- Tube type heat exchanger coiled externally around the water tank for performance and safety with inbuilt sterilising function
- Integral 2kW electric heating element for temperature boosting
- Digital controller for operational and timer settings and fault indication
- Supplied complete with ozone friendly R134A refrigerant gas for optimal efficiency
- 80-liter version suitable for vertical wall-mounted installations

Dayliff HPW systems are high efficiency, high performance water heaters and are the ideal solution for all residential hot water supply requirements.

### TECHNICAL SPECIFICATIONS

Model	HPW80	HPW120	HPW150	HPW200	HPW300
Water Tank Volume, Liters	80	120	150	200	300
Heating Capacity, kW	0.6	2.5			
Rated/Max Input Power, kW	0.17/2.5	0.6/3			
Fan Flow	Side			Top	
Rated/Max Current, A	9.3/11.4	2.7/15			
Inlet/Outlet	½"	¾"			
Net Dimensions, mm	470Diax1142	500x500x1550	500x500x1670	620Diax1638	620Diax2038
Net Weight, kgs	42	89	92	105	130